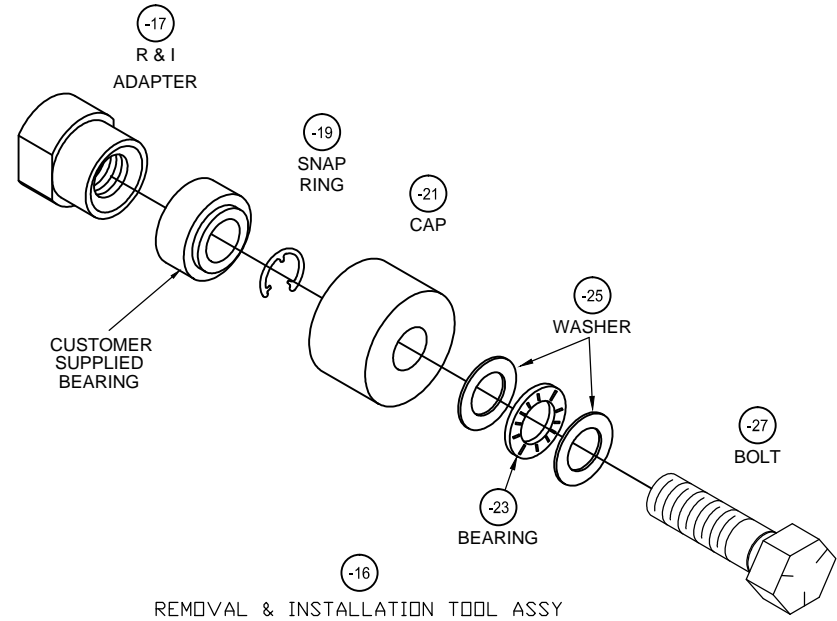
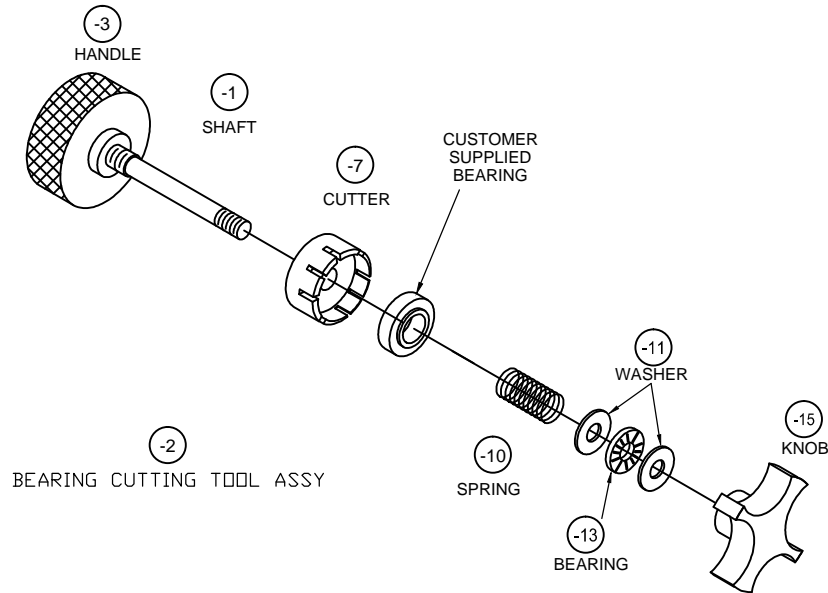


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-7 RADIAL ANGLE INCREASED FROM 2° TO 5° TO IMPROVE OPERATION.	2/19/04		
1A	CH'D TITLEBLOCK & REVISION BLOCK, CH'D REVISIONS TO NUMERICAL, CORRECTED VIEWS & LABELED ALL SECTION VIEWS, ADDED DETAIL A P/N -1 TO CLARIFY TAPER.	9/30/09	RJC	RW



ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
	1		-1		SHAFT	STRESS PROOF	Ø3/4 x 4	2
	1		-2	1	BEARING CUTTER TOOL ASSY			1
	1		-3		HANDLE	6061 T6	Ø2 x 3/4	2
	1		-7		CUTTER	01	Ø1-1/16 x 3/4	3
	1	B/O	-10		SPRING	-	5/16 x 2 (EUGENE FASTNER #16)	1
	2	B/O	-11		WASHER	-	TRA-512 (APPLIED INDUSTRIAL)	1
	1	B/O	-13		BEARING	-	NTA512 (APPLIED INDUSTRIAL)	1
	1	B/O	-15		KNOB	-	DK-55 (REID TOOL)	1
	1		-16	1	REMOVAL & INSTALLATION TOOL ASSY			1
	1		-17		R&I ADAPTER	STRESS PROOF	Ø1-1/4 x 1-1/4	4
	1	B/O	-19		SNAP RING	-	Ø5/16 EXTERNAL	1
	1		-21		CAP	6061 T6	Ø1-1/2 x 1	4
	1	B/O	-23		BEARING	-	NTA512 (APPLIED INDUSTRIAL)	1
	2	B/O	-25		WASHER	-	TRA-512 (APPLIED INDUSTRIAL)	1
	1		-27		BOLT	GRADE 5	5/16-24 UNF x 3 MODIFY	4
ASSY QTY	ASSY QTY							
-16	-2							

RED BARN MACHINE

TITLE
DAMPER BEARING CUTTING TOOL

DWG NO. **RB877406-5** REV **1A**

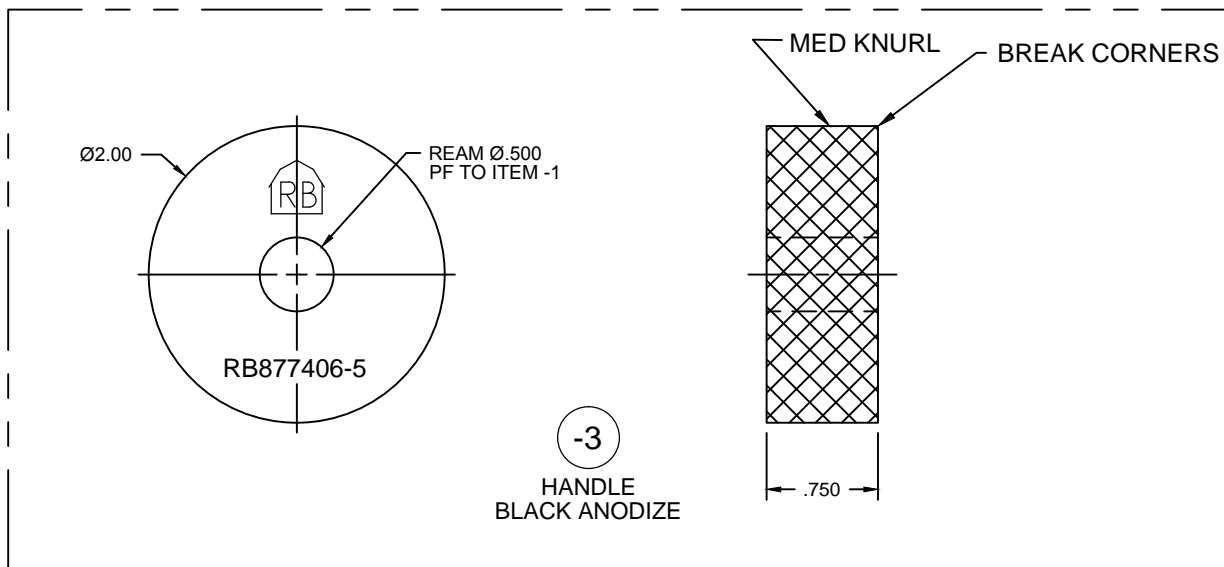
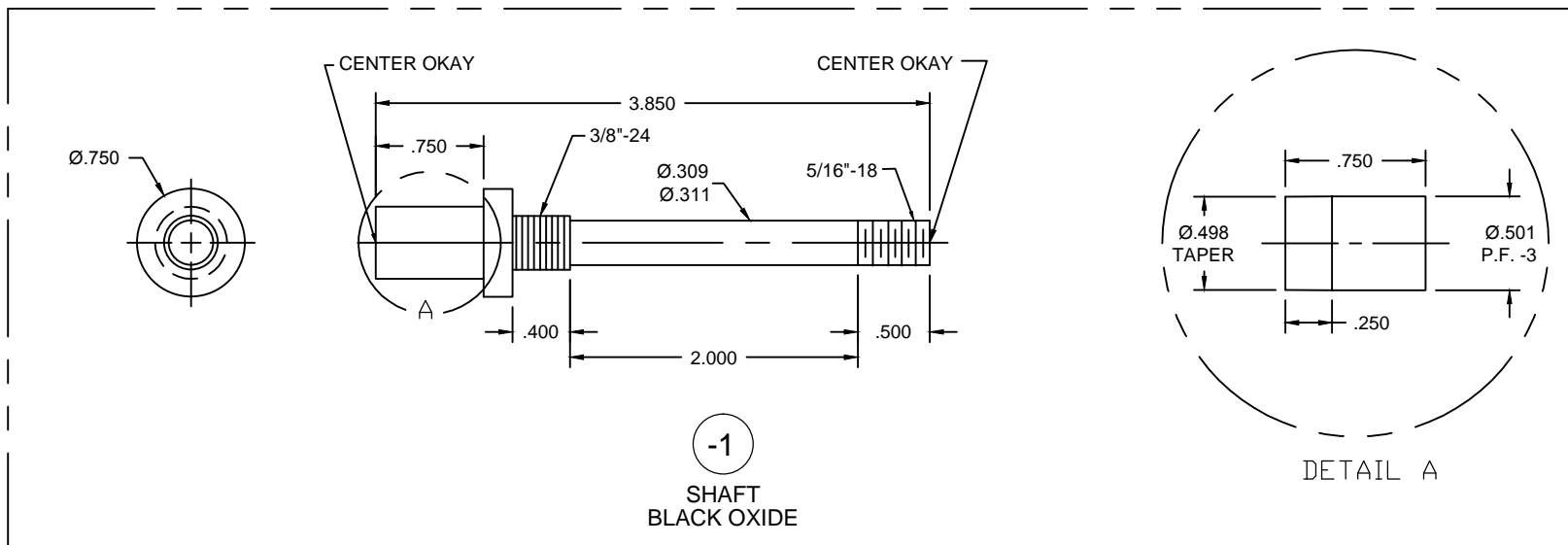
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: COLE APPROVED HEAT TREAT FINISH SPEC
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UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 406
--	----------------------------------

SCALE NTS	DATE 6-28-01	SHEET 1 of 4
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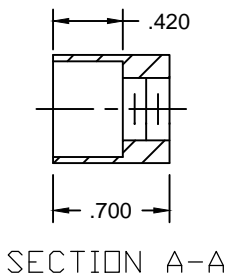
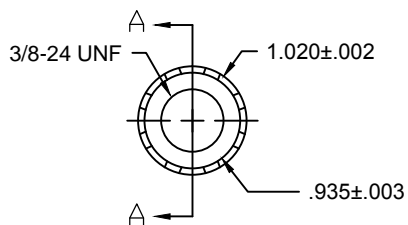
REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1A	CH'D TITLEBLOCK & REVISION BLOCK, CH'D REVISIONS TO NUMERICAL, CORRECTED VIEWS & LABELED ALL SECTION VIEWS, ADDED DETAIL A P/N -1 TO CLARIFY TAPER.	9/30/09	RJC
			RW



RED BARN MACHINE	
TITLE DAMPER BEARING CUTTING TOOL	
DWG NO. RB877406-5-1 & -3	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1	DRAWN BY: COLE APPROVED HEAT TREAT FINISH SPEC SEE PART USED ON MODEL BELL 406
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 6-28-01 SHEET 2 of 4

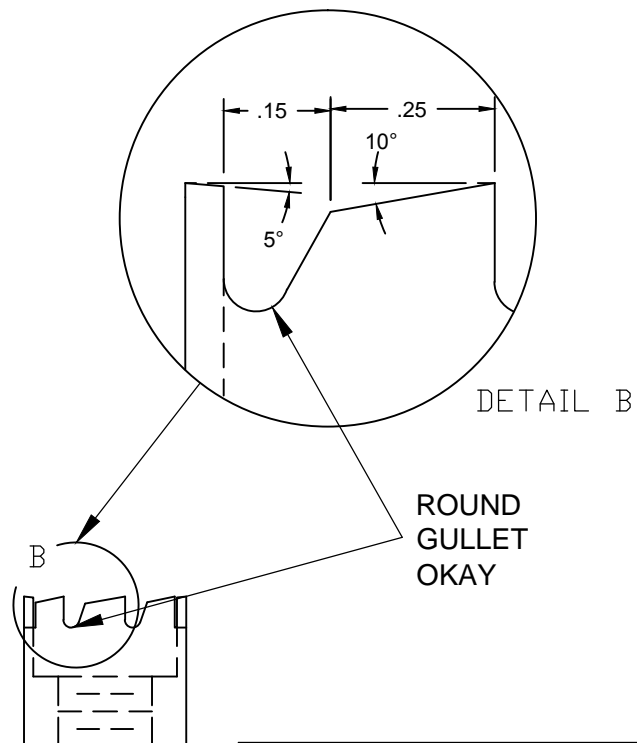
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-7 RADIAL ANGLE INCREASED FROM 2° TO 5° TO IMPROVE OPERATION.	2/19/04		



TURN TO 1.030
HEAT TREAT: 50-60 Rc
GRIND AFTER HEAT TREAT
NO COATING

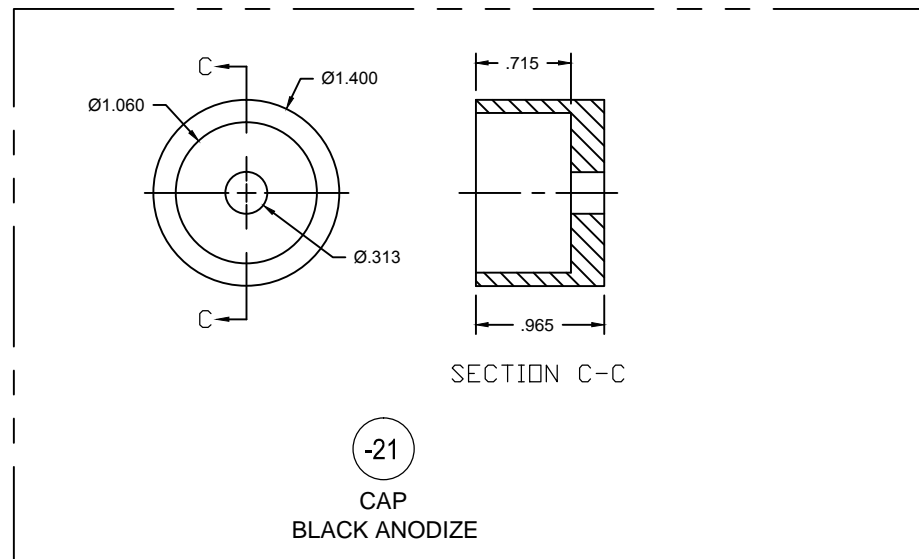
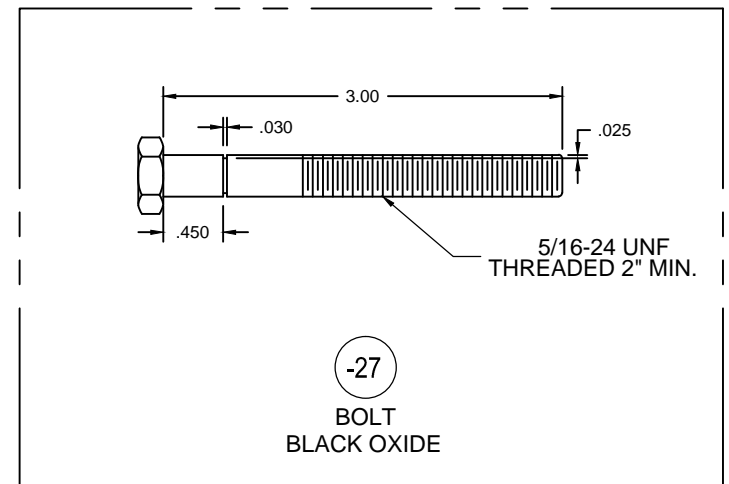
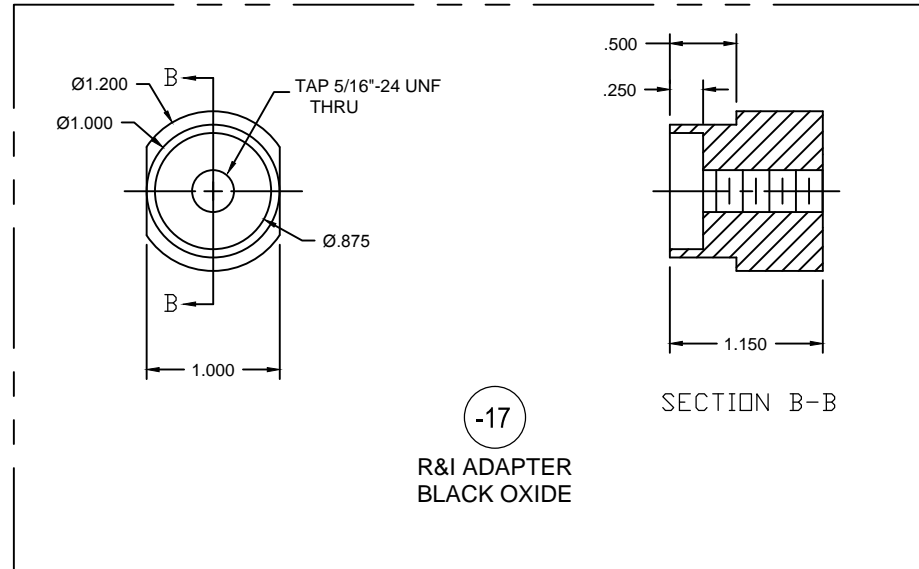
-7
CUTTER
8 TEETH



RED BARN MACHINE	
TITLE DAMPER BEARING CUTTING TOOL	
DWG NO. RB877406-5-7	REV 1A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 6-28-01
SHEET 3 of 4	
DRAWN BY: COLE APPROVED HEAT TREAT: SEE PART FINISH SPEC USED ON MODEL BELL 406	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



RED BARN MACHINE			
TITLE			
DAMPER BEARING CUTTING TOOL			
DWG NO.	REV		
RB877406-5-17 thru -27	1A		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE	
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT TREAT	
.XXX ± .005		FINISH SPEC	
.XX ± .01		USED ON MODEL	
X ± .1		BELL 406	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	6-28-01
		SHEET	4 of 4

